

# ATCHAFALAYA RIVER & BAYOUS CHENE, BOEUF, AND BLACK FEASIBILITY STUDY



- **Status:**

- Feasibility phase initiated May 2002
- Sched. completion Sep 2006

- **Sponsor:** Morgan City Harbor and Terminal District

- **Issues:**

- High O&M cost and "fluff"

- **FY06 Budget:** \$585,000

- **FY06 Funds Required:** \$585,000





## Project Fact Sheet

U.S. Army Corps of Engineers  
New Orleans District, CEMVN-PM-W  
P.O. Box 60267  
New Orleans, LA 70160-0267

Date: March 2005

### Atchafalaya River and Bayous Chene, Boeuf, and Black, Louisiana Feasibility Study

**STUDY AUTHORITY:** This study was authorized by the Water Resources Development Act of 2000, Public Law 106-541 .

**STUDY SPONSOR:** The Morgan City Harbor and Terminal District is the sponsor for the feasibility study.

**STUDY LOCATION:** The study area includes the Atchafalaya River and Bayous Chene, Boeuf, and Black and adjacent areas in the vicinity of Morgan City, Louisiana, in St, Mary, Assumption, and Terrebonne Parishes in south-central Louisiana.

**STUDY PURPOSE:** The purpose of this study is to address the feasibility of providing deeper navigation access channels to facilities in the study area. Depths up to 35 feet are being considered. The existing Atchafalaya River and Bayous Chene, Boeuf, and Black project provides a 20-foot project depth.

**STUDY FEATURES:** Evaluating the benefits to existing navigation in the study area and to new traffic that could operate more efficiently in the study area with deeper channel. The benefits would accrue primarily from the fabrication of the larger offshore oil and gas platforms in the Morgan City area instead of overseas. Measures to reduce maintenance dredging if the channels are deepened are also being addressed.

<b>STUDY COST:</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>Total</b>
Reconnaissance Study	\$ 197,000	0	\$ 197,000
Feasibility Study	<u>2,595,000</u>	<u>2,595,000</u>	<u>5,190,000</u>
Total	\$2,792,000	\$2,595,000	\$5,387,000

**STUDY BUDGET/SCHEDULE:** The FCSA was executed with the Morgan City Harbor and Terminal District on 6 May 2002. FY 05 funds of \$675,000 are being used to continue the feasibility study. The schedule for study completion is September 2006. FY 2006 budgeted funds of \$585,000 will be used to complete the feasibility study.

**ISSUES:** High O&M cost and "fluff". Maintenance of the existing Atchafalaya Bar channel is very costly, partially due to flocculate clay material that collects in the navigation channel immediately following maintenance dredging. The maintenance costs and channel reliability are major hurdles to overcome in justifying a deeper channel.